

## INTERNATIONAL SEARCH REPORT

PCT/IE 03913

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G11B7/09 G11B20/10 G11B20/14 G11B20/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 569 082 A (PHILIPS ELECTRONICS NV) 10 November 1993 (1993-11-10) column 3, line 22 – line 31 column 3, line 43 – line 47 column 5, line 9 –column 6, line 22 figure 4 ---	1,5,8,11
A	EP 1 184 850 A (VICTOR COMPANY OF JAPAN) 6 March 2002 (2002-03-06) figures 4,6,14 paragraph '0061! – paragraph '0062! paragraph '0068! – paragraph '0070! paragraph '0080! paragraph '0088! paragraph '0121! --- -/-	1,2,4-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 February 2004

Date of mailing of the international search report

23/02/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08, 30 June 1999 (1999-06-30) & JP 11 066578 A (SANYO ELECTRIC CO LTD), 9 March 1999 (1999-03-09) abstract ---	1,5,8,11
A	US 5 850 081 A (YANAGISAWA TAKUMA) 15 December 1998 (1998-12-15) column 8, line 27 - line 62 figures 7,8 ---	1,5,8,11
A	IBRAHIM H M: "CONJUGATE GRADIENT ALGORITHM FOR ADAPTIVE FINITE IMPULSE RESPONSE DIGITAL FILTERS" INTERNATIONAL JOURNAL OF ELECTRONICS, TAYLOR AND FRANCIS LTD. LONDON, GB, vol. 70, no. 3, 1 March 1991 (1991-03-01), pages 539-547, XP000219796 ISSN: 0020-7217 ---	
P,A	WO 03 017260 A (RESCHKE UWE ;BUECHLER CHRISTIAN (DE); THOMSON LICENSING SA (FR)) 27 February 2003 (2003-02-27) the whole document ---	1,2,5,6, 8,9,11
P,A	WO 03 017261 A (BUECHLER CHRISTIAN ;THOMSON LICENSING SA (FR)) 27 February 2003 (2003-02-27) the whole document -----	1,2,5,6, 8,9,11

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